

Amendments to the Specification

Please replace paragraph [0010] with the following rewritten paragraph:

[0010] It is to be understood that both the ~~forgoing~~ foregoing general description and the following detailed description are exemplary and explanatory only and are not restrictive of the invention as claimed. The accompanying drawings, which are incorporated in and constitute a part of the specification, illustrate an embodiment of the invention and together with the general description, serve to explain the principles of the invention.

Please replace paragraph [0011] with the following rewritten paragraph:

[0011] The numerous advantages of the present invention may be better understood by those skilled in the art by reference to the accompanying figures in which:

FIG. 1 illustrates a system diagram [(.)];

FIG. 2 illustrates a schematic block diagram of an enclosure services module; and

FIG. [[2]] 3 illustrates a flowchart of the steps taken in changing the disk speed of the enclosures.

Please replace paragraph [0014] with the following rewritten paragraph:

[0014] Referring generally now to FIGS. 1 through [[2]] 3, exemplary embodiments of the present invention are shown.

Please replace paragraph [0017] with the following rewritten paragraph:

[0017] A physical layout of an enclosure partitioned disk drive system is shown in FIG. [[1]] 2. The enclosure services module and its drives constitute the enclosure. In a data processing system having a data processor coupled to a channel, such as an SCSI channel, disposed for transmitting and receiving data between the data processor and a peripheral storage subsystem, a bridge controller 10 for expanding the maximum allowable number of disk drives is connectable to the channel. The bridge controller 10 comprises a microprocessor having input/output terminals coupled to a CPU bus; a memory; a buffer; and additional circuitry coupled to the disk drives; and, a circuit for controlling the direction of data flow through the buffer. The circuit has input/output terminals coupled to the CPU bus and a control output coupled to a direction control input terminal of the buffer. The bridge controller 10 is a target controller that uses the channel to connect to the peripheral device. Bridge controllers are commonly used in RAID arrays.

Please replace paragraph [0019] with the following rewritten paragraph:

[0019] The electrical connections are made, in reverse order, for channel ch 2. In this case, the bridge controller's channel 2 is connected first to the last module which was connected for channel ch 1. Then, the next to the last module to be connected is connected to the last module. As shown in FIG. [[1]] 2, the first pair of ports 70 of channel ch 2 are internally connected to a bypass 60. Bypass 60 can route the signals through a set of bypasses 50 which feed the signals to the disk devices 30. SES 40 is an SCSI device that monitors and controls enclosure services to enable the enclosure services module to perform certain functions such as channel speed changes and bypassing logic. The first pair of input and output ports 70 of channel ch 2 is connected to the corresponding second pair of input and output ports 80 in a manner which signals of channel pass through.

Please replace paragraph [0024] with the following rewritten paragraph:

[0024] FIG. [[2]] 3 illustrates the process steps in making a disk drive speed change. In step 110, the bridge controller 10 changes on the bridge controller ~~110~~ the speed on channel ch 2. A change speed frame is sent to the last enclosure services module on channel ch 1 in step 120. The last enclosure services module receives the speed change frame and changes its internal speed. The bridge controller waits for this enclosure to come up on channel ch 2. The next to the last enclosure services module is sent a speed change frame by bridge controller 10. In step 130, the next to the last enclosure services module receives the change speed frame ~~130~~ and changes its internal speed. The bridge controller 10 waits for the enclosure to come up on channel ch 2. The bridge controller determines whether this was the first enclosure services module in step 140. If it was, then the bridge controller changes the speed on the bridge controller ~~160~~ on channel 1 in step 160, and waits for all of the enclosures to come up on that channel, and processing stops ~~170~~. Otherwise, the second to the last enclosure services module is selected in step 150. This second to the last enclosure services module is sent a change speed frame in step 130 and changes its internal speed. The bridge controller waits for the enclosure to come up on channel ch 2. The processing continues until the first enclosure is reached and processed.